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(54) CYANOPHENYL DERIVATIVE

(57)Abstract:

PROBLEM TO BE SOLVED: To provide a cyanophenyl derivative having an anti-androgen activity and useful for the prevention and treatment of prostate cancer, prostate hypertrophy, etc.

SOLUTION: This cyanophenyl derivative is piperzino-substituted new cyanophenyl derivative expressed by the formula (1) in which a substituted carbamoyl or substituted sulfamoyl group which has an aryl or a hetero ring, etc., which is allowed to have a substituted group, bonds with nitrogen atom on its piperazine ring, and a medicine using the above as an active ingredient is provided. As the concrete example of the compound (1), trans-4-[4-(4-fluorobenzoyl)-2, 5-dimethylpiperazin-1-yl]-2-trifluoromethylbenzonitrile is cited.

LEGAL STATUS

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